



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBE350A93-5300-00-1

Job Sheet 172907



Part No: RBE350A93-5300-00-1

Job Qty: 2 ea

Part Name: Fan Extractor



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/22/18

Job Tracking No:

Due Date: 3/23/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBE350A93-5300-00 REV 1A IPP REV A 18.02.21 NEW ISSUE FK VERIFY DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	2 Ea	3/22/18	3/22/18	0.00	0.00	Start Up Machining		J.C.-v
110	Mon Seiki Mill Conv	2 pcs	3/23/18	3/23/18	0.00	4.00	Mon Seiki Mill Conv 2		J.C.-v
120	QC	2 pcs	3/23/18	3/23/18	0.00	0.00	QC2-2		J.C.-v
130	QC	2 pcs	3/23/18	3/23/18	0.00	0.00	QC8		B. 18-04-07
150	Outsource	2 pcs	3/23/18	3/23/18	0.00	0.00	Outsource3		C. 18-04-07
160	Packaging	2 pcs	3/23/18	3/23/18	0.00	0.00	Packaging2		A. 18-04-07
170	QC	2 pcs	3/23/18	3/23/18	0.00	0.00	QC6		38
180	Packaging	2 pcs	3/23/18	3/23/18	0.00	0.00	Packaging3-1		18-04-19-00
190	QC21-SA	2 Ea	3/23/18	3/23/18	0.00	0.00	QC21		GA141

Part Op 110 - 1- Cut blank 1.38" 2 Machine as per folio FB

FOLIO REV

DWG REV

Descriptions: 3-Deburr

120 - Engrave T/N using Marktronic engraver as per DWG.

150 - Issue P/O to Groupe Altech: P/O 039549 - Cadmium plating, QQ-P-416F TYPE II, CLASS II - Color: Yellow

-Certificate of Conformity is required

APR 20 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-4140-B-1.000X1.250	4140 Steel Bar 1.000 X 1.250	.2300 ft (.115 ea)	90-Start up Operation	5049427

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	MT-4140-B-1.000X1.250	0	0	0

Part Specifications

Specifications could not be found.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S058889



Part: RBE350A93-5300-00-1

Job No: 172907

Serial No/Batch: S058889

Revision: 1A

Inspector:

Plex 2/22/18 2:58 PM Dart.lajeunesse.marie

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

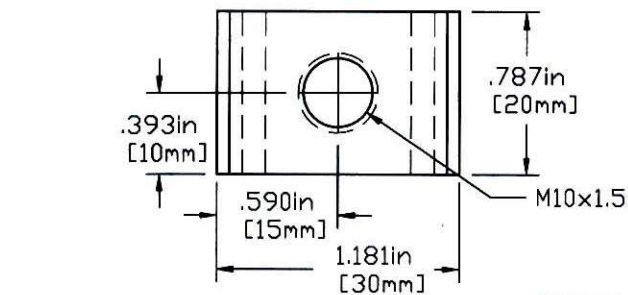
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER : _____			

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

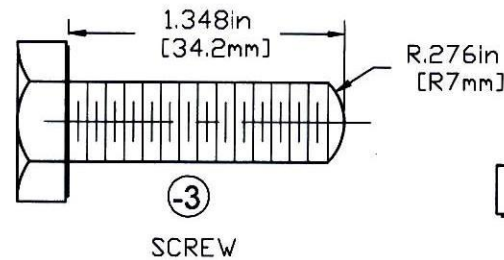
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED FAR SIDE S/N, "MADE IN USA"	4/23/09	RJC	
1A	CH'D T/N FROM RBEA93-5300-00 TO RBE350A93-5300-00.	3/19/13	RJC	RW

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 172907

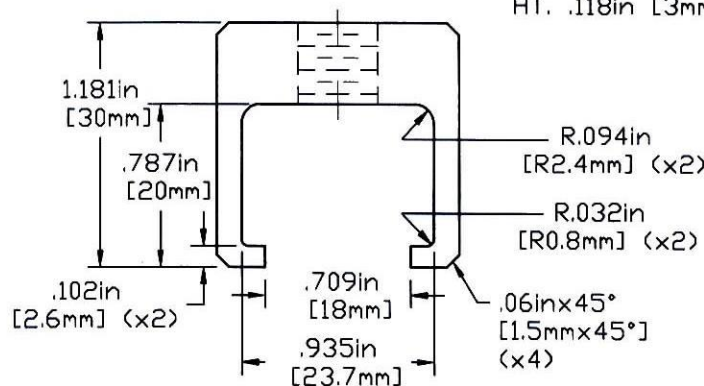
MJS
1802-22



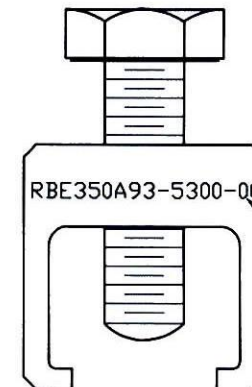
ENGRAVE T/N
"RBE350A93-5300-00"
HT. .118in [3mm]



③
SCREW



①
PULLER
BODY



ASSEMBLY

FAR SIDE S/N
ENGRAVE
"MADE IN USA"

NOTE:
1. REF. OLD RB T/N: RBEA93-5300-00.

ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS
			-1	1	FAN EXTRACTOR	4140 Q&T	7/8 x 1-1/4 x 1-1/4
		B/O	-3	1	HEX HEAD CAP SCREW	8.8 PLATED	M10 x 1.50 x 35 MCMASTER-CARR #91280A636

RED BARN MACHINE	
TITLE FAN EXTRACTOR	
DWG NO. RBE350A93-5300-00	REV 1A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	FRACTIONS ± 1/32 ANGLES ± 5°
DRAWN BY: PERRITT	
APPROVED: <i>D. W.</i>	
HEAT TREAT FINISH CAD PLATE YELLOW	
SPEC QQ-P-416F, TYPE II, CLASS II	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 10-29-08
SHEET 1 of 1	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO039549**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO039549
PO Date: 4/9/18
Due Date: 4/23/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	172434	269T9205-5	Stop -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-C-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Certificate of Conformity is required	Firmed	4/23/18	4 pcs	0 pcs ✓ 4x	4 pcs	\$3.42857/pcs AT 18/04/18	\$13.71
2	172907	RBE350A93-5300-00-1	Fan Extractor -Issue P/O to Groupe Altech; P/O _____ -Cadmium plating, QQ-P-416F TYPE II, CLASS II -Color; Yellow -Certificate of Conformity is required	Firmed	4/23/18	2 pcs	0 pcs ✓ 2x	2 pcs	\$87.50/pcs AT 18/04/18	\$175.00
3	173775	RBEM711V1000101-1	Cowling Plate -Issue P/O to Groupe Altech; P/O _____ -Zinc plate, ASTM B633 TYPE 1 SC2 -Certificate of Conformity is required	Firmed	4/23/18	4 pcs	0 pcs ✓ 4x	4 pcs	\$22.50/pcs AT 18/04/18	\$90.00

DAS
38
9-88



Certificat de Conformité / Certificate of Compliance

(008271-2)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

008271 - 2

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
17-Apr-2018		Aman		039549				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
2	RBE350A93-5300-00-1 Rev.	RBE350A93-5300-00-1 01-CAD YELLOW 500 [CADMIUM YELLOW 500] QQ-P-416F TYPE 2 CLASS 2 BAKE	CADMIUM CH	2	2	0	0	0
3	RBEM711V1000101-1 Rev.	RBEM711V1000101-1 ZINC PLATE ASTM B633 TYPE I SC2	ZINC CH	4	4	0	0	0

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.